Application No.: 10/051,447 Docket No.: 12218.1600

Snell & Wilmer / Brett A. Carlson, Reg. No. 39,928

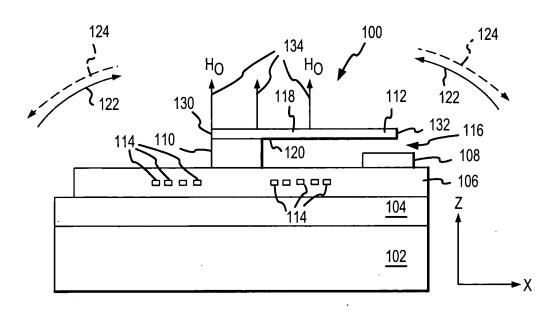


FIG.1A

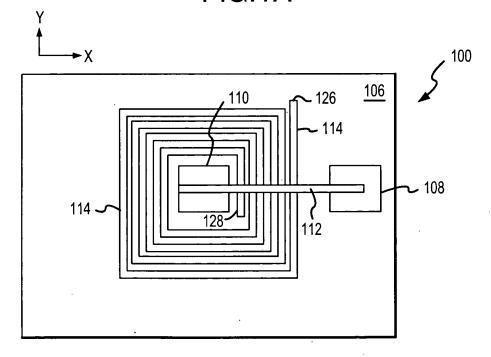


FIG.1B

Application No.: 10/051,447 Docket No.: 12218.1600

Snell & Wilmer / Brett A. Carlson, Reg. No. 39,928

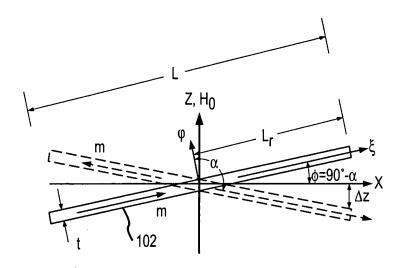


FIG.2

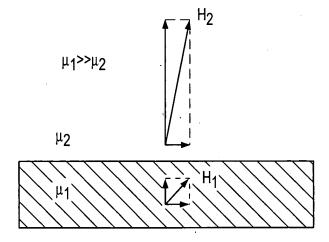


FIG.3

Application No.: 10/051,447 Docket No.: 12218.1600 ent

Snell & Wilmer / Brett A. Carlson, Reg. No. 39,928

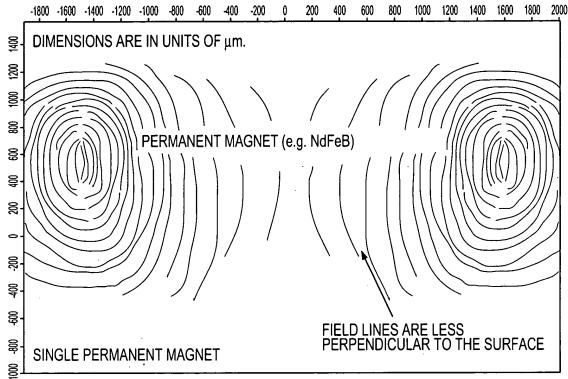


FIG.4A

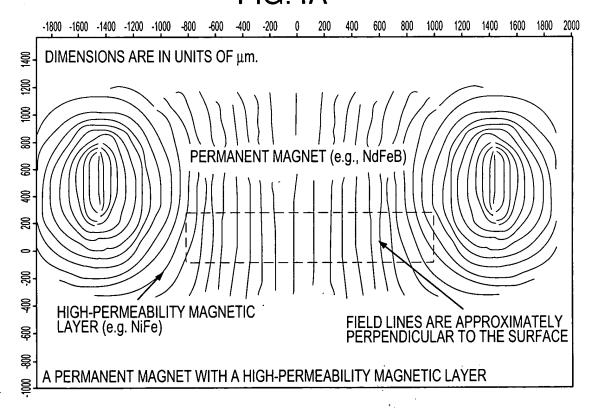
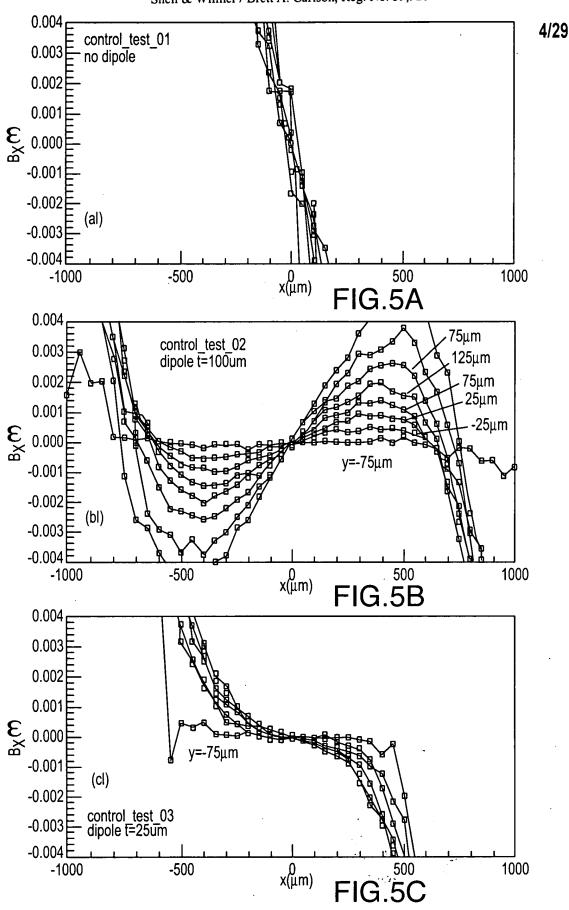


FIG.4B

Application No.: 10/051,447 Docket No.: 12218.1600

Snell & Wilmer / Brett A. Carlson, Reg. No. 39,928



Application No.: 10/051,447

Docket No.: 12218.1600 Snell & Wilmer / Brett A. Carlson, Reg. No. 39,928

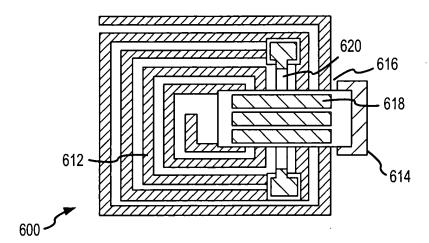


FIG.6A

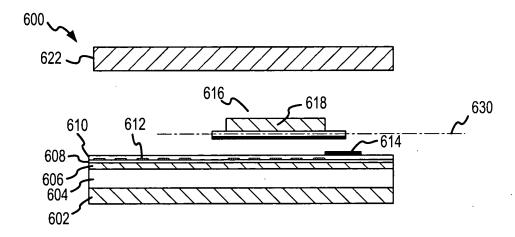


FIG.6B

4,0

Micro-Magnetic Latching Switch With Relaxed P Magnet Alignment Requirements

Jun Shen, et al.

Application No.: 10/051,447 Docket No.: 12218.1600

Snell & Wilmer / Brett A. Carlson, Reg. No. 39,928

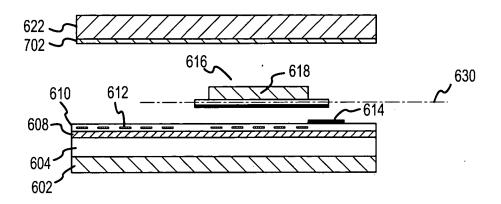


FIG.7

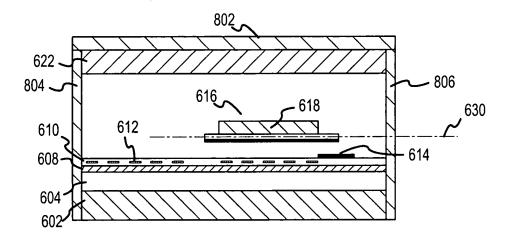


FIG.8

Application No.: 10/051,447 Docket No.: 12218.1600

Snell & Wilmer / Brett A. Carlson, Reg. No. 39,928

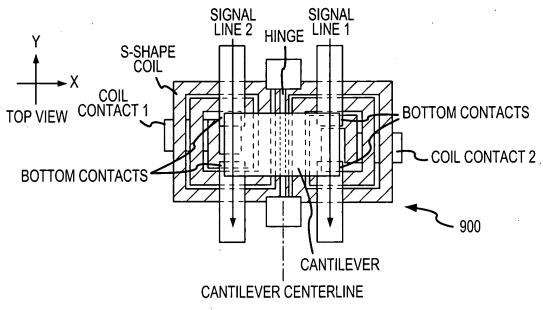
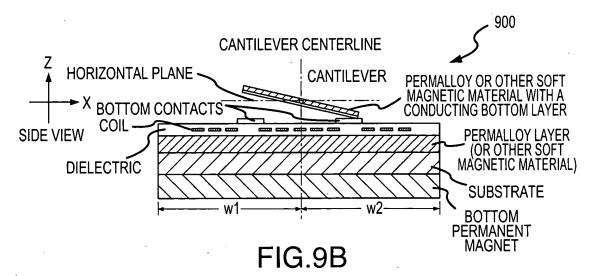


FIG.9A



Application No.: 10/051,447 Docket No.: 12218.1600

Snell & Wilmer / Brett A. Carlson, Reg. No. 39,928

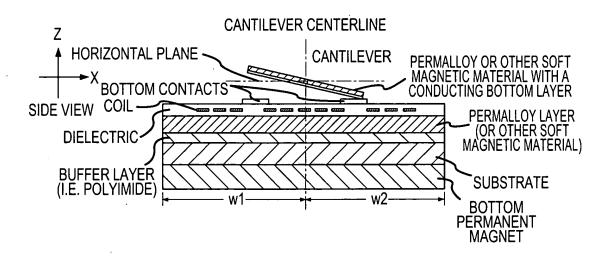


FIG.10

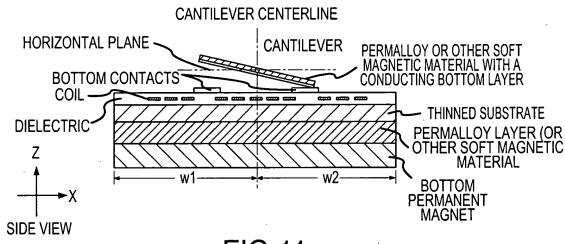


FIG.11

Application No.: 10/051,447 Docket No.: 12218.1600

Snell & Wilmer / Brett A. Carlson, Reg. No. 39,928

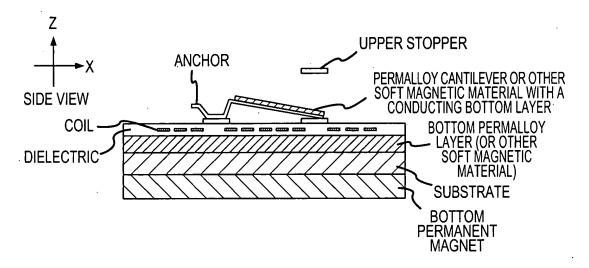


FIG.12

Application No.: 10/051,447 Docket No.: 12218.1600

Snell & Wilmer / Brett A. Carlson, Reg. No. 39,928

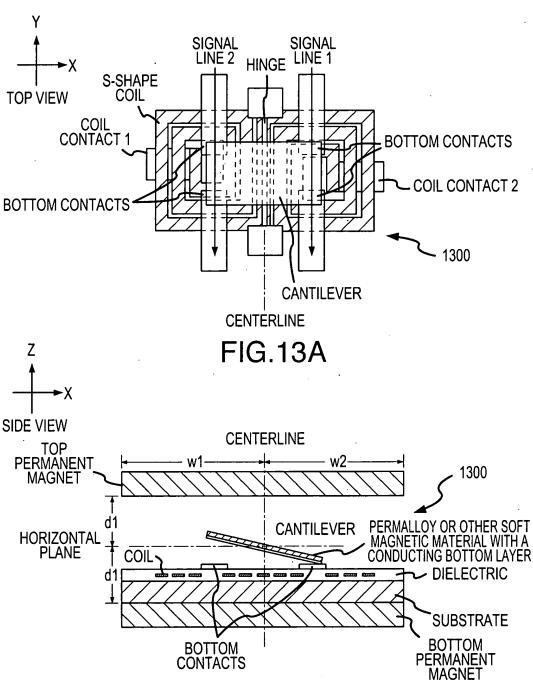


FIG.13B

Application No.: 10/051,447 Docket No.: 12218.1600

Snell & Wilmer / Brett A. Carlson, Reg. No. 39,928

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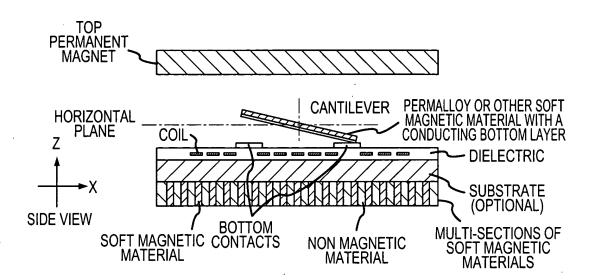


FIG.13C

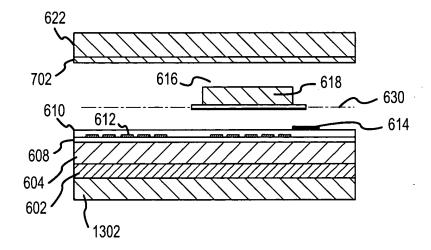


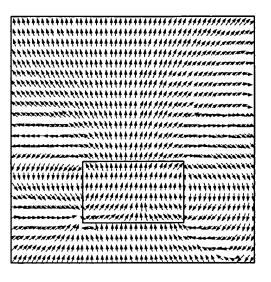
FIG.13D

Application No.: 10/051,447 Docket No.: 12218.1600

Snell & Wilmer / Brett A. Carlson, Reg. No. 39,928

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PREFERRED REGION OF PLACEMENT OF THE MICRO MAGNETIC LATCHING SWITCH



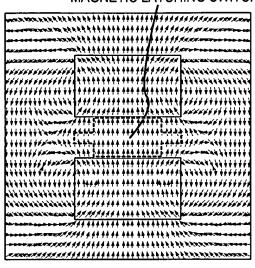


FIG.14A

FIG.14B

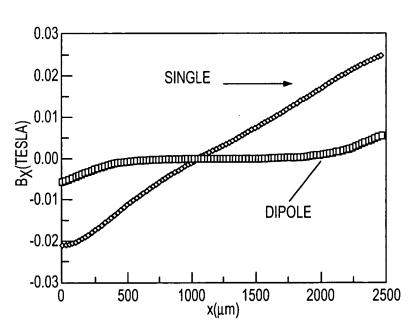


FIG.14C

Micro-Magnetic Latching Switch With Relaxed I Magnet Alignment Requirements

Jun Shen, et al.
Application No.: 10/051,447
Docket No.: 12218.1600

Snell & Wilmer / Brett A. Carlson, Reg. No. 39,928

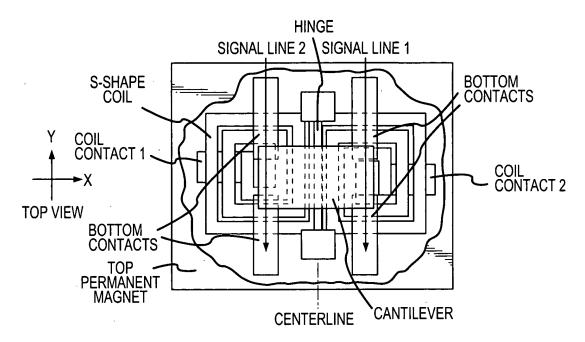


FIG.15A

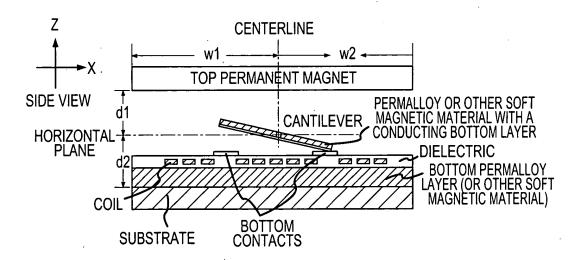


FIG.15B

Magnetic Latching Switch With Relaxed P
Magnet Alignment Requirements

Jun Shen, et al. Application No.: 10/051,447 ent

Docket No.: 12218.1600

Snell & Wilmer / Brett A. Carlson, Reg. No. 39,928

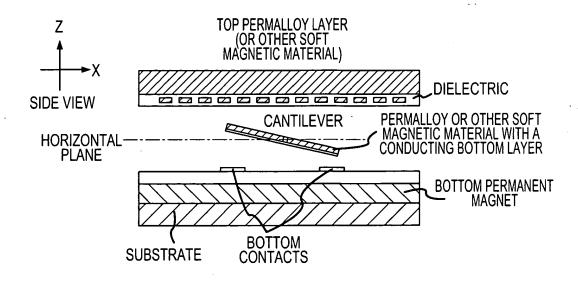


FIG.16

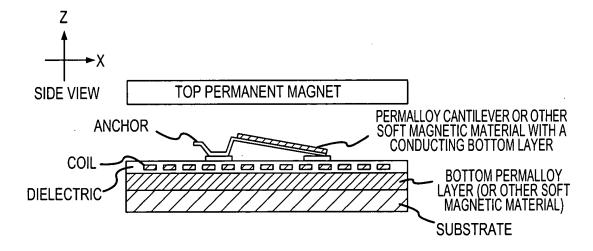
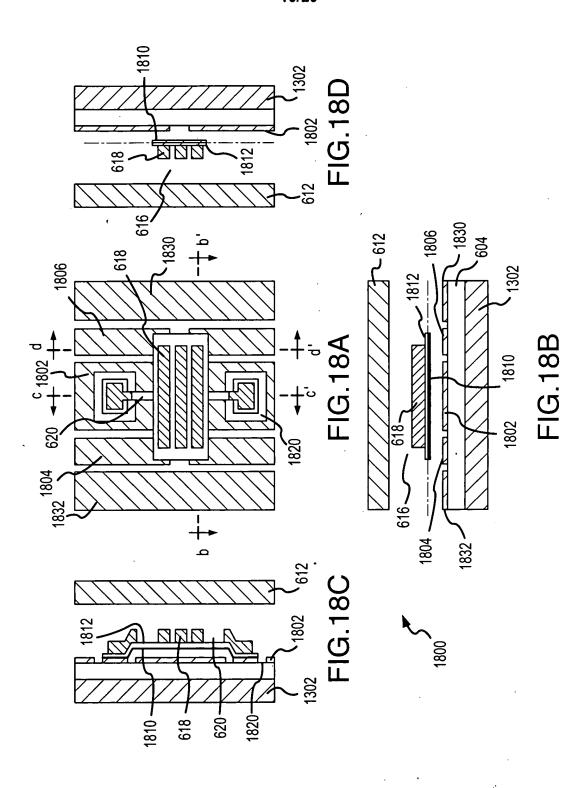


FIG.17

Application No.: 10/051,447

Docket No.: 12218.1600

Snell & Wilmer / Brett A. Carlson, Reg. No. 39,928

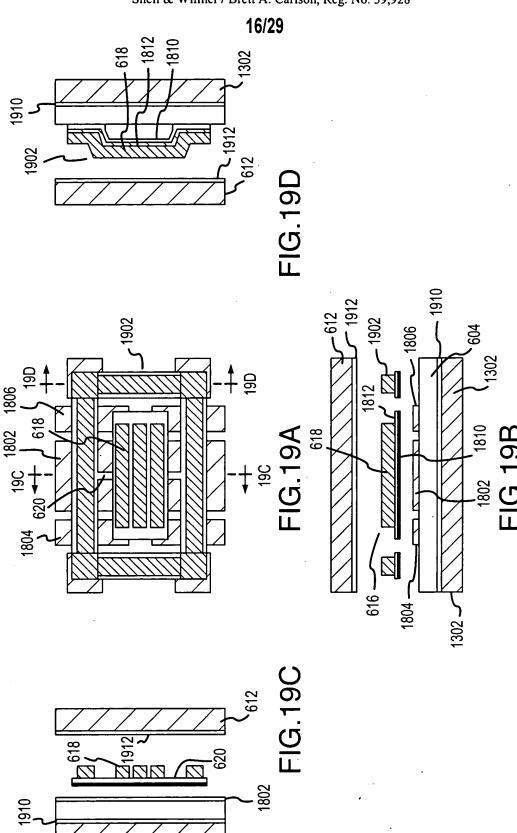


Micro-Magnetic Latching Switch With Relaxed

Magnet Alignment Requirements

Jun Shen, et al.
Application No.: 10/051,447
Docket No.: 12218.1600

Snell & Wilmer / Brett A. Carlson, Reg. No. 39,928



Application No.: 10/051,447 Docket No.: 12218.1600 nent

Snell & Wilmer / Brett A. Carlson, Reg. No. 39,928

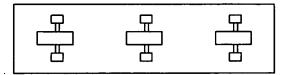


FIG.20

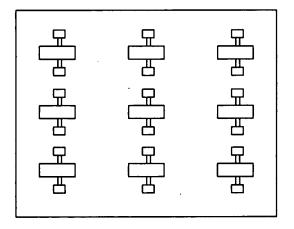
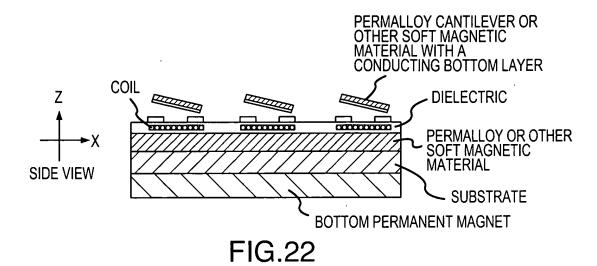


FIG.21

Jun Shen, et al. Application No.: 10/051,447 Docket No.: 12218.1600 anent

Snell & Wilmer / Brett A. Carlson, Reg. No. 39,928



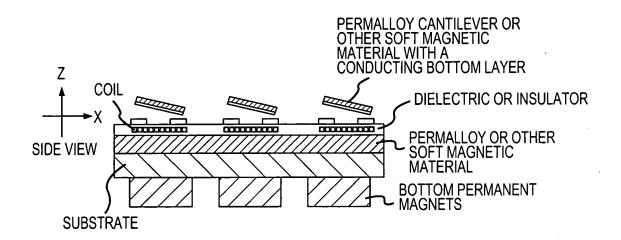


FIG.23

Application No.: 10/051,447 Docket No.: 12218.1600

Snell & Wilmer / Brett-A. Carlson, Reg. No. 39,928

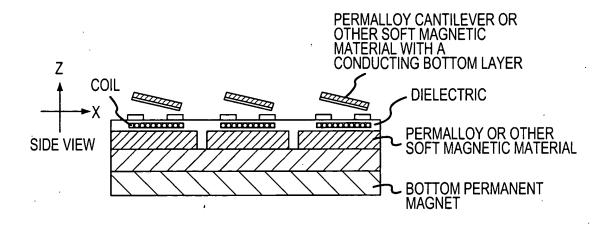


FIG.24

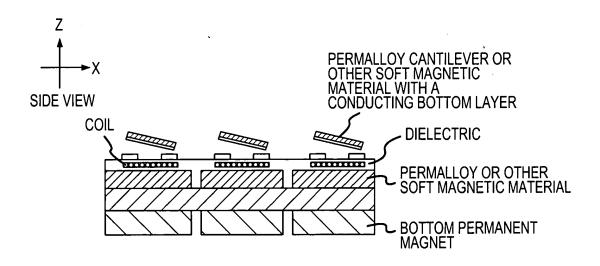


FIG.25

Application No.: 10/051,447 Docket No.: 12218.1600

Snell & Wilmer / Brett A. Carlson, Reg. No. 39,928

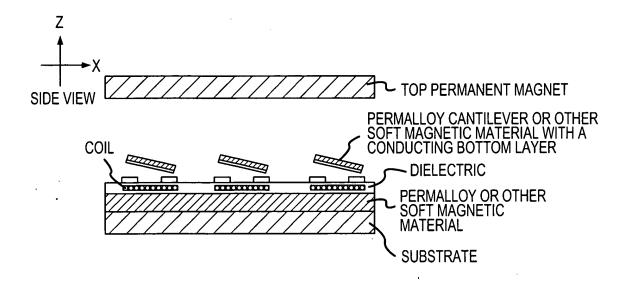


FIG.26

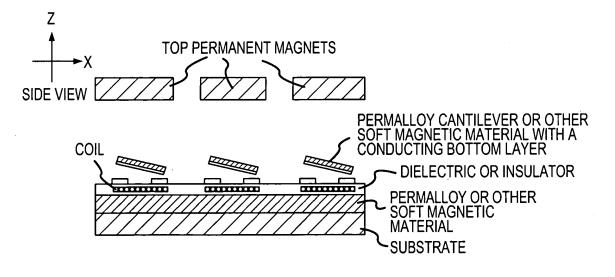


FIG.27

Application No.: 10/051,447 Docket No.: 12218.1600

Snell & Wilmer / Brett A. Carlson, Reg. No. 39,928

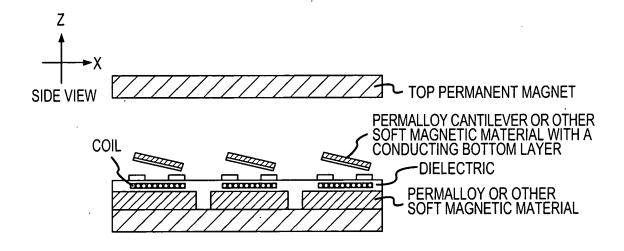


FIG.28

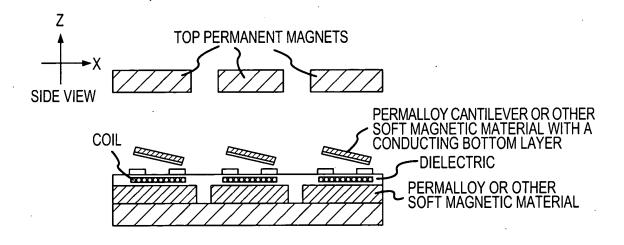
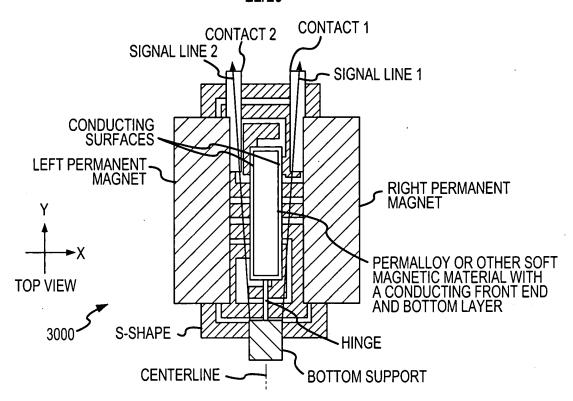


FIG.29

Application No.: 10/051,447 Docket No.: 12218.1600

Snell & Wilmer / Brett A. Carlson, Reg. No. 39,928



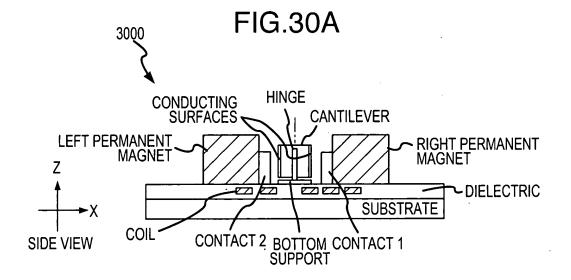


FIG.30B

Micro-Magnetic Latching Switch With Relaxed Perp Magnet Alignment Requirements Jun Shen, et al.

Application No.: 10/051,447

Docket No.: 12218.1600

Snell & Wilmer / Brett A. Carlson, Reg. No. 39,928

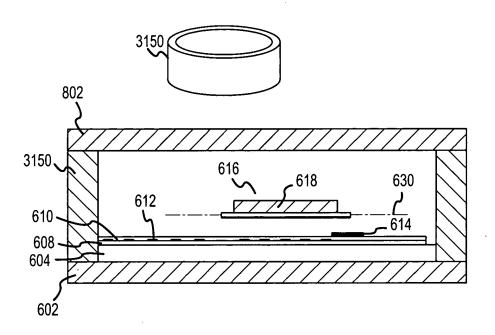
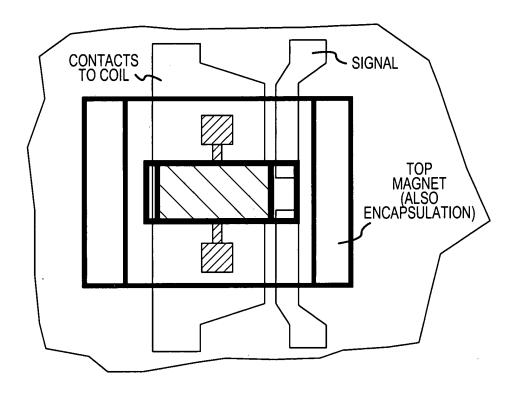


FIG.31

Application No.: 10/051,447 Docket No.: 12218.1600

Snell & Wilmer / Brett A. Carlson, Reg. No. 39,928



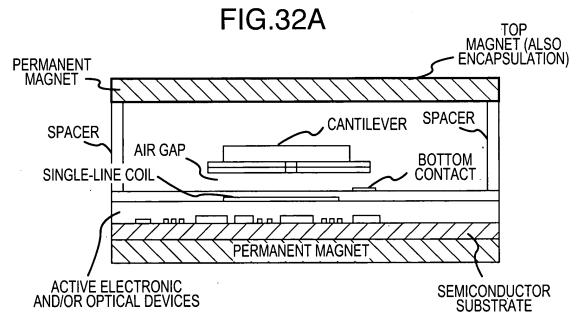


FIG.32B

Application No.: 10/051,447 Docket No.: 12218.1600

Snell & Wilmer / Brett A. Carlson, Reg. No. 39,928

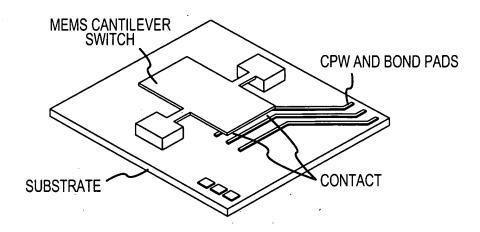


FIG.33

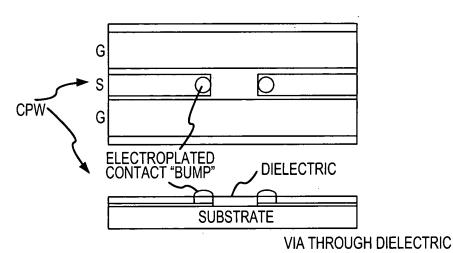


FIG.34

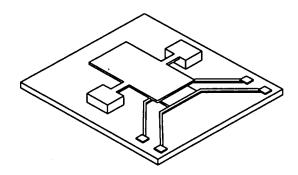


FIG.35

Application No.: 10/051,447 Docket No.: 12218.1600

Snell & Wilmer / Brett A. Carlson, Reg. No. 39,928

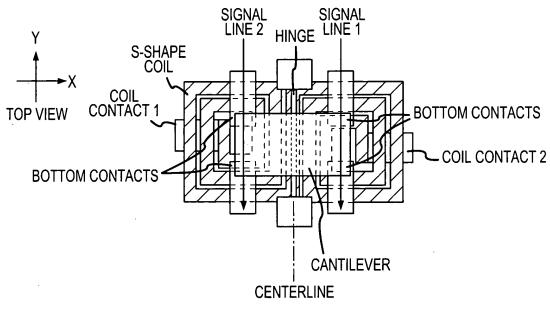
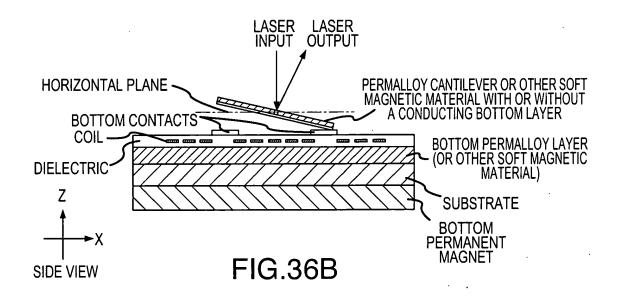


FIG.36A



Application No.: 10/051,447 Docket No.: 12218.1600

Snell & Wilmer / Brett A. Carlson, Reg. No. 39,928

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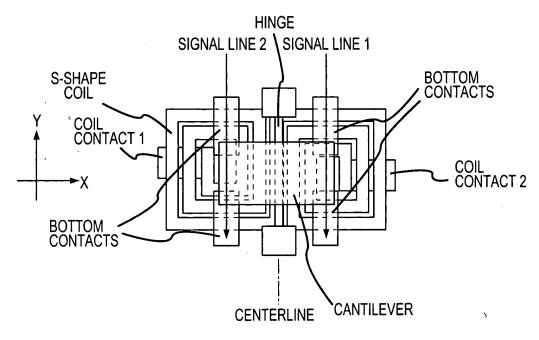


FIG.37A

TOP PERMANENT MAGNET

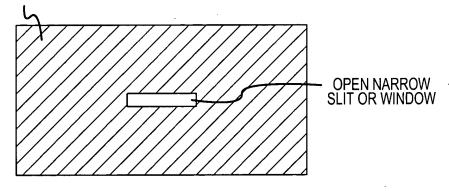
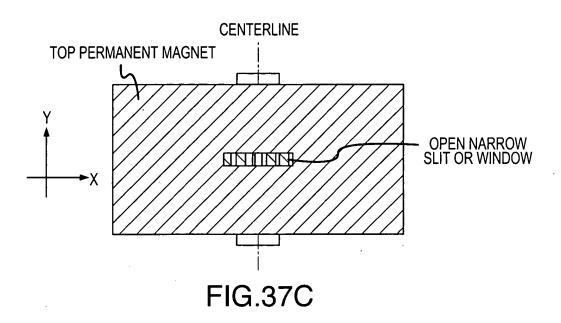


FIG.37B

Application No.: 10/051,447 Docket No.: 12218.1600

Snell & Wilmer / Brett A. Carlson, Reg. No. 39,928



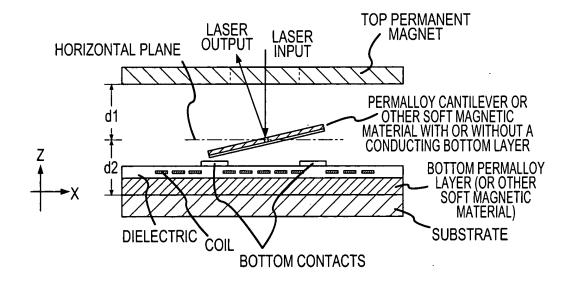


FIG.37D

Application No.: 10/051,447 Docket No.: 12218.1600

Snell & Wilmer / Brett A. Carlson, Reg. No. 39,928

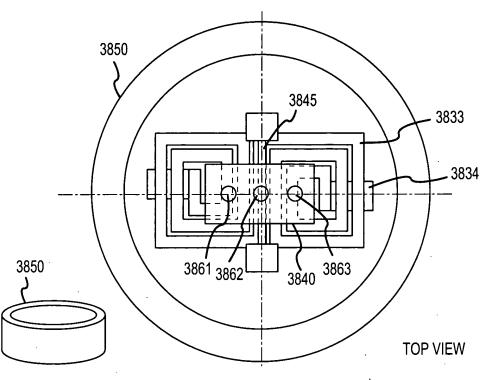


FIG.38A

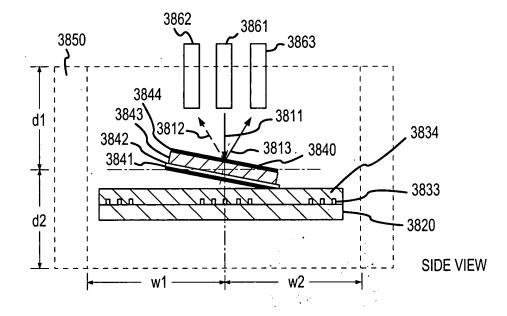


FIG.38B